


Task #1: Water Quality and the Razorback Sucker

You will be asked to measure several water quality parameters from different parts of Lake Mead and to determine which region of the lake would have the best habitat for the endangered Razorback Sucker

1. Get a sample of water from either Las Vegas Bay or Boulder Basin
2. Measure the temperature of your water sample.
3. Measure the pH of your sample
 1. Hold the pH paper by the arrow end
 2. Dip the pH paper into the sample for 3 – 5 seconds, get all the color zones wet
 3. Compare the center color zone to the color scale above and below it.
4. Measure the clarity of your sample (This takes 2 people)
 1. Fill the Secchi Tube with sample from your location
 2. The first person is responsible for looking in the tube for the “target” 
 3. Slowly drain the water out of the tube until you can see the target
 4. Measure the height of the remaining water